

इंटरनेट

मानक

Disclosure to Promote the Right To Information

Whereas the Parliament of India has set out to provide a practical regime of right to information for citizens to secure access to information under the control of public authorities, in order to promote transparency and accountability in the working of every public authority, and whereas the attached publication of the Bureau of Indian Standards is of particular interest to the public, particularly disadvantaged communities and those engaged in the pursuit of education and knowledge, the attached public safety standard is made available to promote the timely dissemination of this information in an accurate manner to the public.

“जानने का अधिकार, जीने का अधिकार”

Mazdoor Kisan Shakti Sangathan

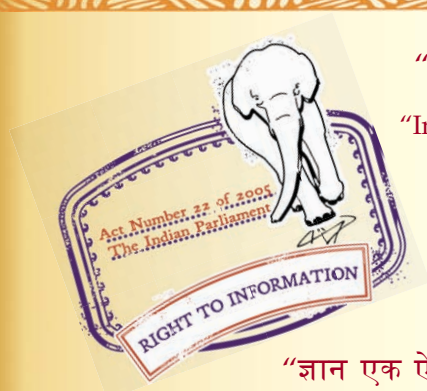
“The Right to Information, The Right to Live”

“पुराने को छोड़ नये के तरफ”

Jawaharlal Nehru

“Step Out From the Old to the New”

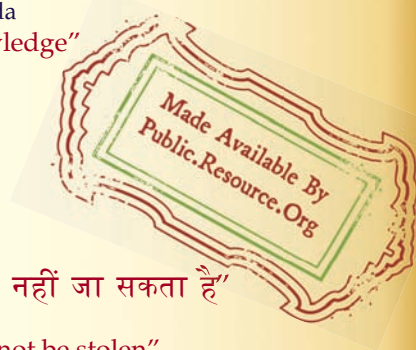
IS 5178 (1969): Gingival Margin Trimmers, Dental, No. GMT 1/2, 3/4, 5/6 and 7/8 [MHD 8: Dentistry]



“ज्ञान से एक नये भारत का निर्माण”

Satyanarayan Gangaram Pitroda

“Invent a New India Using Knowledge”



“ज्ञान एक ऐसा खजाना है जो कभी चुराया नहीं जा सकता है”

Bhartrhari—Nitiśatakam

“Knowledge is such a treasure which cannot be stolen”

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Indian Standard

(Reaffirmed 1998)

SPECIFICATION FOR GINGIVAL MARGIN TRIMMERS, DENTAL, NO. GMT 1/2, 3/4, 5/6 AND 7/8

1. **Scope**—Dimensions and requirements of dental gingival margin trimmers, No. GMT 1/2, 3/4, 5/6 and 7/8.
2. **Shapes and Dimensions**—As shown in Fig. 1 and 2 (see page 2).
- 2.1 **Handle**—Shall conform to 3.3 of IS:3887-1966*.
3. **Material**—As given in 4 of IS:3887-1966*.
4. **Workmanship and Finish**
- 4.1 **Cutting Edge**—Shall be properly sharpened and shall be free from burrs, feathers, nicks and waviness.
- 4.2 A slight curvature shall be incorporated into the blade of the instrument, the convexity of which shall lie on the same side as the bevel of the cutting edge.
- 4.3 Stainless steel instrument shall be suitably passivated and finished bright all over. The carbon steel instrument shall be plated chromium over nickel and the plating shall conform to Service Grade No. 2 of IS:1068-1968†.
5. **Heat Treatment**—The stainless steel instrument shall be hardened and tempered throughout to 400 to 480 HV, while in case of carbon steel instruments only working ends of the instruments shall be hardened and tempered to 550 to 600 HV.
6. **Tests**
- 6.1 **Performance**—As given in 8.1 of IS:3889-1967‡.
- 6.2 **Corrosion Resistance**—As given in 8 of IS:3887-1966*.
7. **Marking**—The space on the handle shall be marked with the number of the instrument, initials or trade-mark and the country of manufacture. Stainless steel instruments shall also be marked with the letters 'SS'.
- 7.1 **ISI Certification Marking**—Details available with the Indian Standards Institution.
8. **Packing**—As given in 7.1 of IS:3887-1966*.

*General requirements for cutting type dental instruments.

†Specification for electroplated coatings of nickel and chromium on iron and steel (first revision).

‡Specification for dental chisels.

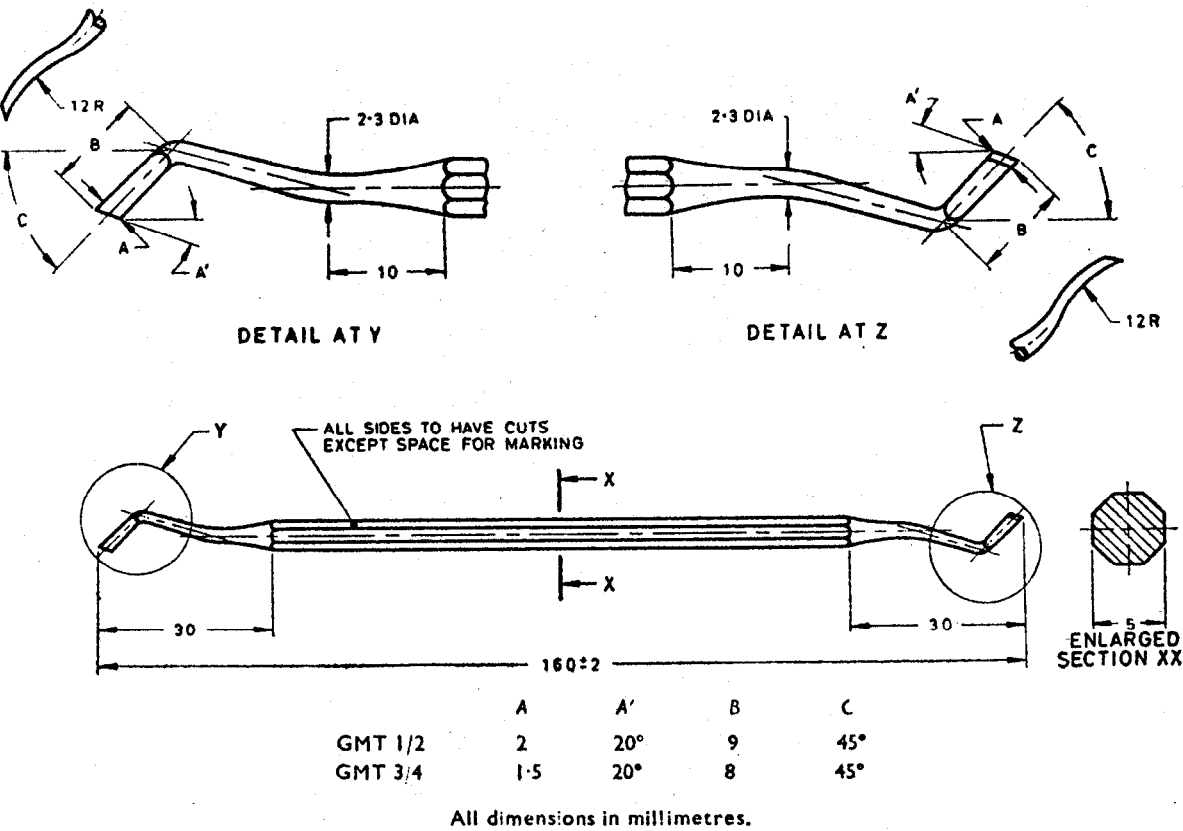


FIG. 1 GINGIVAL MARGIN TRIMMERS, DENTAL, NO. GMT 1/2 AND 3/4

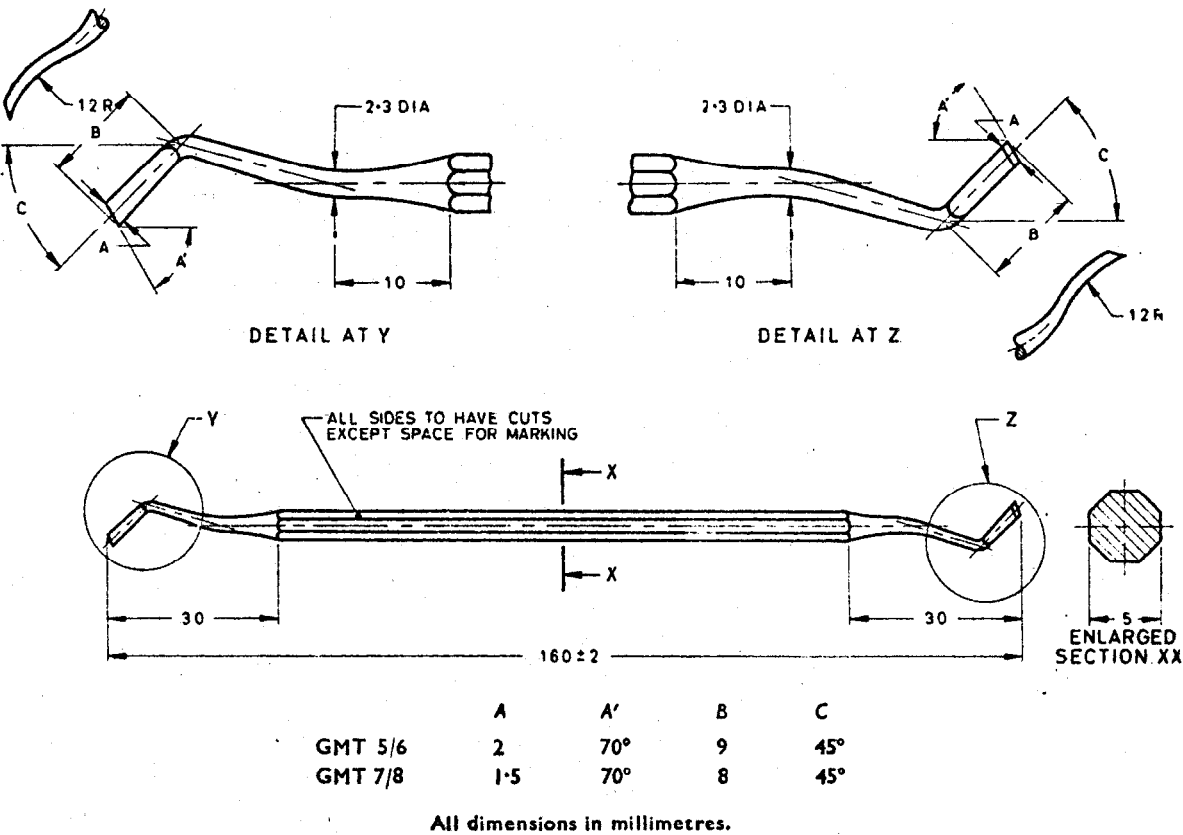


FIG. 2 GINGIVAL MARGIN TRIMMERS, DENTAL, NO. GMT 5/6 AND 7/8